

In the Specification

Please replace paragraph [0008] with the following paragraph:

~~Summary of the Invention~~

[0008] ~~This invention relates to~~ We disclose a device for controlling propulsive gas mixing at an outlet of an aircraft jet engine, wherein propulsive jets are composed of a hot primary jet exiting from a nozzle of the jet engine and a secondary flux flowing between an external wall of the nozzle and an internal wall of the jet engine including a divergent trailing edge on the wall that generates conditions of a separation of the primary jet close to an existence limit value and a primary jet controller that enables control of passage of the primary jet from a separated state to a reattached state, and vice versa.

After paragraph [0008] and before the “Brief Description of the Drawings” section on Page 3, please insert the following paragraphs:

We also disclose a device for controlling propulsive gas mixing at an outlet of an aircraft jet engine, wherein propulsive jets are composed of a hot primary jet exiting from a nozzle of the jet engine and a secondary flux flowing between an external wall of the nozzle and an internal wall of the jet engine comprising:

a divergent trailing edge on an internal wall of a nozzle and in a fixed position with respect to the internal wall of the nozzle, the divergent trailing edge diverging from a central axis extending along the jet engine and generating conditions of a minimal separation of the primary jet from the internal wall; and

a primary jet controller fixed to the internal wall of the nozzle or an external wall of the nozzle relative to the primary jet that controls passage of the primary jet from a separated state to a reattached state, and vice versa.

We further disclose a device for controlling propulsive gas mixing at an outlet of an aircraft jet engine, wherein propulsive jets are composed of a hot primary jet exiting from a nozzle of the jet engine and a secondary flux flowing between an external wall of the nozzle and an internal wall of the jet engine comprising:

an immovable divergent trailing edge on an internal wall of the nozzle that diverges from a

central axis extending through the jet engine and is fixed to the internal wall of the nozzle and generates conditions of a minimal separation of the primary jet from the internal wall; and

a primary jet controller positioned at least partially on the divergent trailing edge and/or at least partially on the internal wall of the nozzle upstream of the divergent trailing edge that controls passage of the primary jet from a separated state to a reattached state, and vice versa.

Please replace paragraph [0023] with the following paragraph:

[0023] Turning now to the drawings, the invention pertains to a device for controlling mixing of propulsive jets (8, 9) at the outlet of an aircraft jet engine having a casing 100, the propulsive jets (8, 9) being composed of a hot primary jet (8) exiting from a nozzle (1) of the jet engine and a secondary flux (9) flowing between the external wall (2a) of the nozzle (1) and the internal wall of the jet engine.